INTERNATIONAL SEARCH REPORT

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Facsimile No.
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International application No.

		PCT/JP2	2004/019409
A. CLASSIFI Int.Cl	CATION OF SUBJECT MATTER ⁷ B29C45/17, B29C45/40		
According to In	ternational Patent Classification (IPC) or to both nation	nal classification and IPC	
B. FIELDS SI	EARCHED		
Int.Cl	nentation searched (classification system followed by c B29C45/00-45/84		
Jitsuyo Kokai J	e fields searched 1994-2005 1996-2005		
	base consulted during the international search (name of	data base and, where practicable, search to	erms used)
C. DOCUMEN	NTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where a	· · · · · · · · · · · · · · · · · · ·	Relevant to claim No.
X Y A	JP 11-170319 A (Nissei Jushi Kaisha), 29 June, 1999 (29.06.99), Claims; Par. Nos. [0010], [00 (Family: none)	·	1,4,8-10,12 11,13 3
' Χ ' Υ	JP 2003-117970 A (The Japan 23 April, 2003 (23.04.03), Claims; Par. Nos. [0014], [00 (Family: none)		1,6-8 2
X	JP 11-235744 A (Toyo Machine Ltd.), 31 August, 1999 (31.08.99), Claims (Family: none)	ery & Metal Co.,	1,5,8
× Further do			
"A" document di to be of parti "E" earlier applie filing date "L" document we cited to esta special reaso "O" document re:	gories of cited documents: efining the general state of the art which is not considered icular relevance cation or patent but published on or after the international thich may throw doubts on priority claim(s) or which is blish the publication date of another citation or other in (as specified) ferring to an oral disclosure, use, exhibition or other means blished prior to the international filing date but later than the claimed	"T" later document published after the inte date and not in conflict with the applicate the principle or theory underlying the in "X" document of particular relevance; the considered novel or cannot be considered novel or cannot be considered to involve an inventive second with one or more other such being obvious to a person skilled in the document member of the same patent for	lion but cited to understand invention laimed invention cannot be ered to involve an inventive laimed invention cannot be tep when the document is documents, such combination art
Date of the actual 03 Marc	ch, 2005 (03.03.05)	Date of mailing of the international sear 22 March, 2005 (22.	ch report 03.05)

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PCT/JP2004/019409

(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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X Y	JP 2000-167875 A (Toyo Machinery & Metal Co., Ltd.), 20 June, 2000 (20.06.00), Par. No. [0028] (Family: none)		1,8 11
Y	JP 2003-129748 A (Mitsui Mining & Smelti Ltd.), 08 May, 2003 (08.05.03), Claims; Par. No. [0003] & US 2004-46419 Al	ng Co.,	2
Y A	JP 9-164567 A (Sumitomo Heavy Industries Ltd.), 24 June, 1997 (24.06.97), Claims; Fig. 1 (Family: none)	,	13 3
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